

# Richard Lin

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Education	<b>University of California – San Diego</b> <i>La Jolla, CA</i>	2013 – 2017
	Pursuing B.S. Computer Science – currently 3 <sup>rd</sup> year, overall GPA: <b>3.9</b> , major: <b>4.0</b>	
	<b>International Christian University</b> <i>Tokyo, Japan (study abroad)</i>	9/2015 – 11/2015
Extra-Curriculars	Recipient of Benjamin A. Gilman International Scholarship, UCEAP Promise Award, Warren College Study Abroad Scholarship	
	Warren College Honors Society	9/2013 – Present
	Web Developer & Analyst for <a href="https://tedxucsd.org">TEDxUCSD</a>	9/2013 – Present
	Tutor & Grader – <b>CSE 100</b> : Advanced Data Structures, <b>CSE 11</b> : Intro to CS & OOP	1/2015 – Present
Work Experience	<b>CircleUp</b> <i>Software Engineering Intern</i>	6/2015 – 9/2015
	<ul style="list-style-type: none"><li>Full-stack development with Django and Angular.js in an Agile environment</li><li>Designed a modern SPA with dynamic &amp; responsive grid system showcasing company profiles with social media content: <a href="https://circleup.com/celebrating-alumni">circleup.com/celebrating-alumni</a></li><li>Implemented site-wide responsive design and protection against XSS</li></ul>	
	<b>Yahoo!</b> <i>Technical Intern, Mobile</i>	6/2014 – 9/2014
	<ul style="list-style-type: none"><li>Designed and implemented an automated Android compatibility test suite across supported API platforms, running on Android virtual devices with a distributed processing system of master and worker machines</li><li>Integrate app performance monitoring of CPU, memory, cold start metrics</li></ul>	
	<b>Intellisiz</b> <i>Software Engineering Intern</i>	1/2014 – 6/2014
	<ul style="list-style-type: none"><li>Wrote scripts to synchronize audio signal data across multiple HTTP servers</li><li>Built tools to automate creating and manipulating complex file structures</li></ul>	
	<b>WineDefined</b> <i>App Developer</i>	6/2013 – 8/2013
	<ul style="list-style-type: none"><li>Wrote an Android app that lists 260 types of wine, and 96 wine terms</li><li>Implemented note &amp; photo storing feature with SQLite databases</li><li>Published onto Google Play Store: <a href="https://goo.gl/RbLPwB">goo.gl/RbLPwB</a></li></ul>	
	<b>Activities</b>	
	<b>NASA Robotics Team 254</b> <i>Director of Programming &amp; Controls</i>	2009 – 2013
Personal Projects	<ul style="list-style-type: none"><li>Manage team of 100+ high school students in developing code for <i>FIRST</i> Robotics</li></ul>	
	<b>Y!ndoor</b> <i>Indoor Maps, Navigation</i>	24 hrs in 7/2014
	<ul style="list-style-type: none"><li>Built an Android app to provide turn-by-turn navigation for navigating to various destinations and conference rooms within the floors of Yahoo!'s main buildings</li><li>Utilize device compass to determine orientation, and device's Wi-Fi RSSI signal patterns &amp; strengths to pinpoint destination and current location</li><li>Written for Yahoo!'s Q3 Hack Day 2014 (voted #19 out of 200 hacks)</li></ul>	
	<b>BCP Mobile</b> <i>Student Companion</i>	1/2013 – 1/2015
	<ul style="list-style-type: none"><li>Built an Android app so students can check their grades, news, &amp; announcements</li><li>Implemented configurable push notifications if a grade change is detected</li><li>Communicate with REST API for user authentication and grade data retrieval</li><li>Published onto Google Play Store: <a href="https://goo.gl/W0pyMy">goo.gl/W0pyMy</a></li></ul>	
Skills	<ul style="list-style-type: none"><li>Proficient in Java, Python</li><li>Familiarity with C++, C, PHP, JavaScript, SQL, HTML &amp; CSS, SPARC Assembly, Verilog, R, MATLAB</li><li>Experienced with Node.js, LAMP, Django web framework, Angular.js, React</li><li>Familiar with Android application development, design, and deployment</li><li>Experienced with UNIX environments, Git, shell scripting</li><li>Fluent in English, moderate fluency in Cantonese and Mandarin Chinese, introductory Japanese</li></ul>	